



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Sunday, June 14, 2015

Issued: 0800 CT

Day 1 Hazards: Flash flooding possible over south-central-southeast TX into SW LA. Flash flooding also possible from the TX Panhandle into western and northern OK

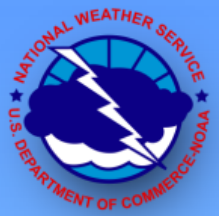
Continuing Hazards: Major river flooding ongoing along the Red River in NW LA and at Liberty on the Trinity River in SE TX

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Mark Wiley
817-978-1100 x 147

Key Points



Sunday

- Heavy rain over south-central to southeast TX into SW LA may produce areas of flash flooding
- Heavy rain/flash flooding also possible from the TX Panhandle into western and northern OK
- Marginal risk of severe thunderstorms over west TX and eastern NM with strong winds/hail the main threats Heavy rain with localized flash flooding over SE TX and southern LA

Monday-Tuesday

- Main impacts from tropical disturbance currently over the Yucatan Peninsula expected to impact the middle/upper TX coast Monday night and Tuesday
 - Tropical depression/tropical storm is possible
- Regardless of development, heavy rain threat will produce additional flash flooding/river flooding over areas of south-central into southeast Texas
- Heavy rainfall/flash flooding threat will also continue over northern OK on Monday

Wednesday-Thursday

- Tropical moisture will stream northward and interact with a stalled frontal boundary to produce additional flash flooding threat from southeast into northeast TX, SE OK, and western AR

River Flooding

- Red River in NW LA continues to slowly fall though rainfall mid to late week may impact river rises
- Ongoing river flooding along the Trinity, Sabine, Neches, Lower Brazos and the Nueces Rivers in TX may be impacted by additional tropical moisture and areas of heavy rainfall early/mid week

Key Points

Tropical Outlook

- A sharp trough of low pressure across the Yucatan Peninsula is expected to move northwest into the Gulf of Mexico today. Upper level winds are expected to become more favorable for some development over the next couple of days. An Air Force Reserve Hurricane Hunter aircraft is scheduled to investigate the system this afternoon.
- Main impacts will be very heavy rainfall
- Wind/storm surge impacts will depend on eventual organization, but appear to be secondary to heavy rainfall threat at this time.
- Formation chance is 60%

*FEMA Region 6 Threat Matrix

Jun 14, 2015 - Jun 18, 2015

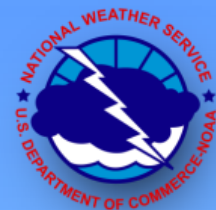
DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Storms	E NM, W TX	OK, NW AR			
Heavy Rain /Flash Flooding	SC, SE TX, SW LA TX Panhandle, W/N OK	N OK, SE TX, SW LA	TX Coast/SE TX E/NE TX	SE TX-NE TX, SE OK, W AR	E-NE TX, SE OK, W AR
Fire					
Tropical		Middle to Upper TX Coast Late	Middle to Upper TX Coast		
River Flooding	SE TX, NW LA				

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



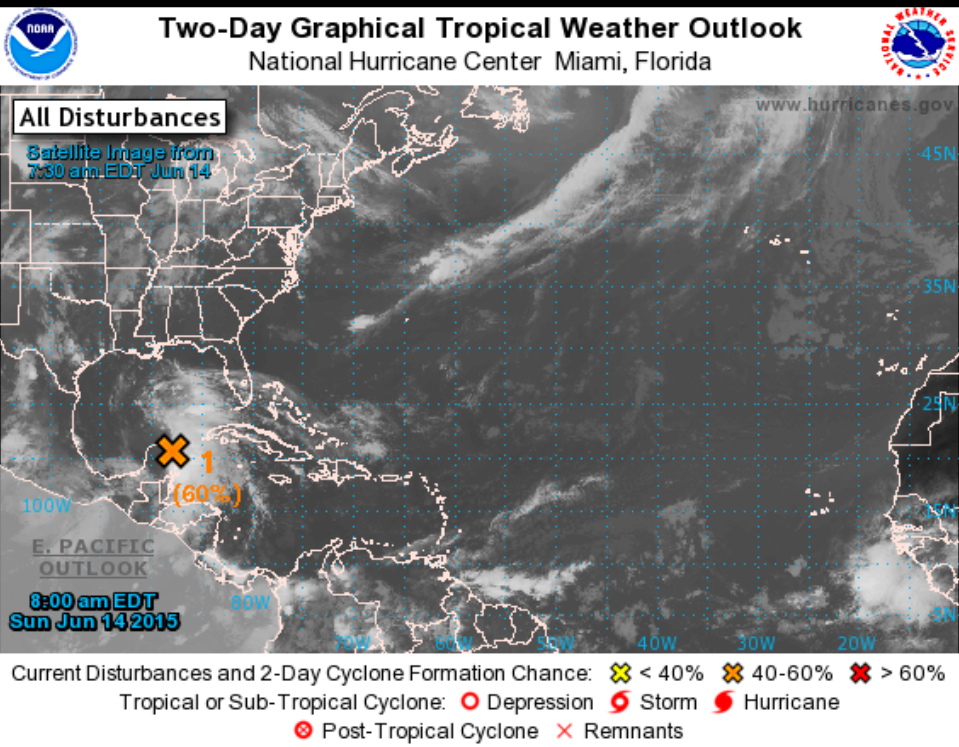
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

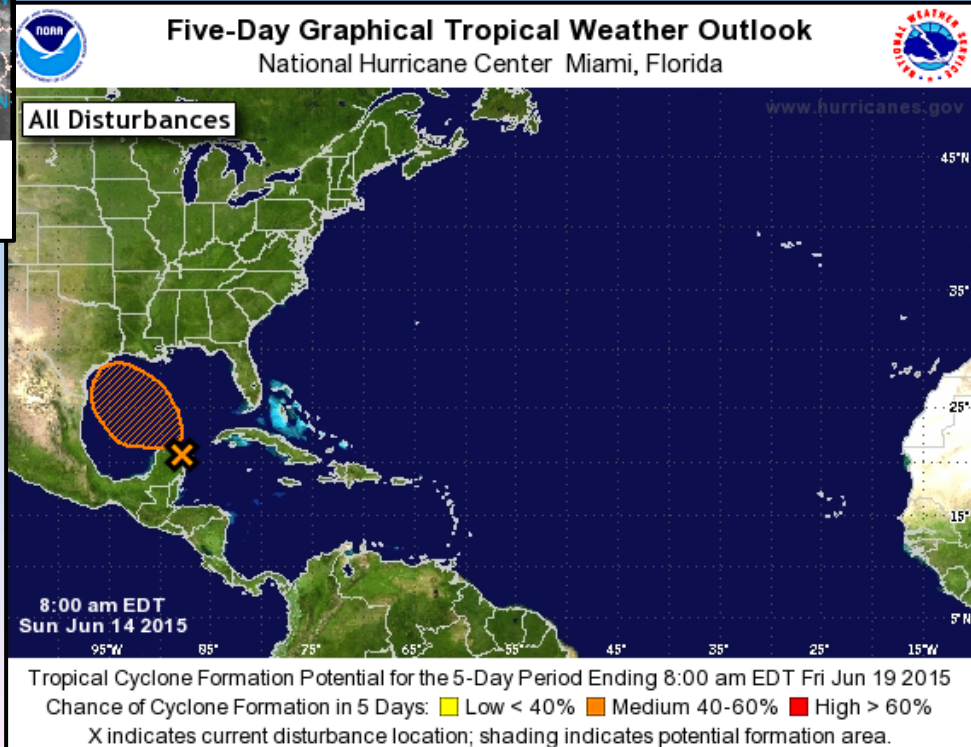
Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Atlantic/Gulf Tropical Weather Outlook

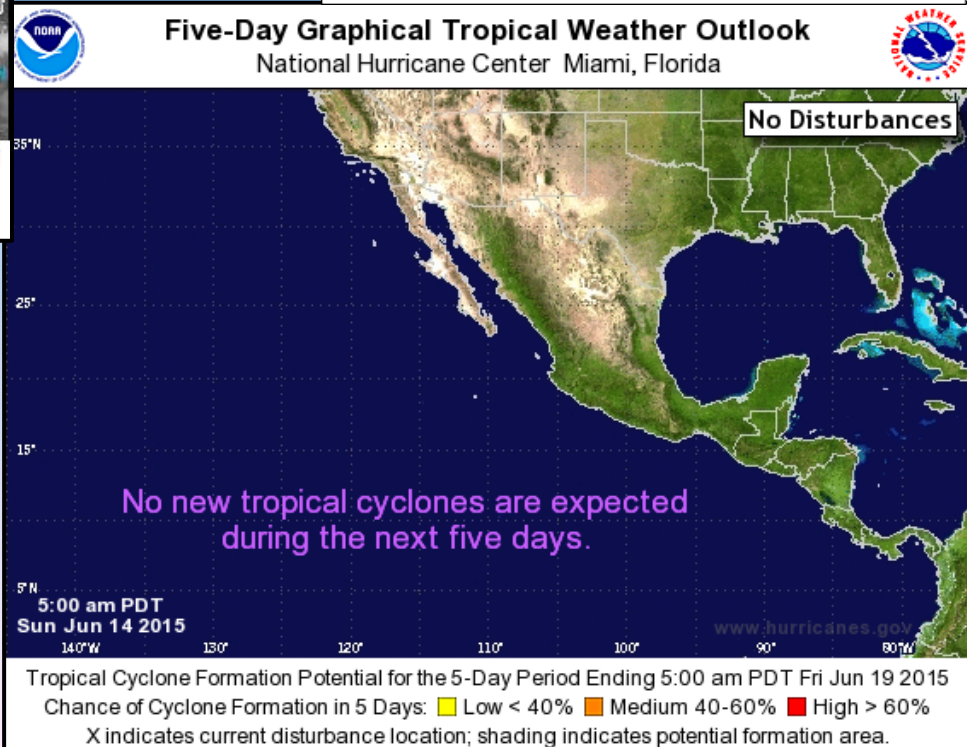
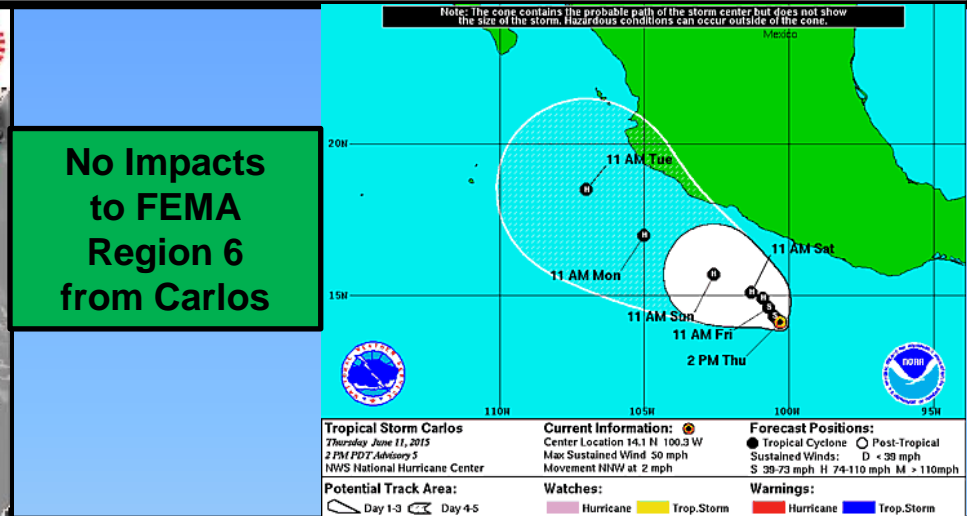
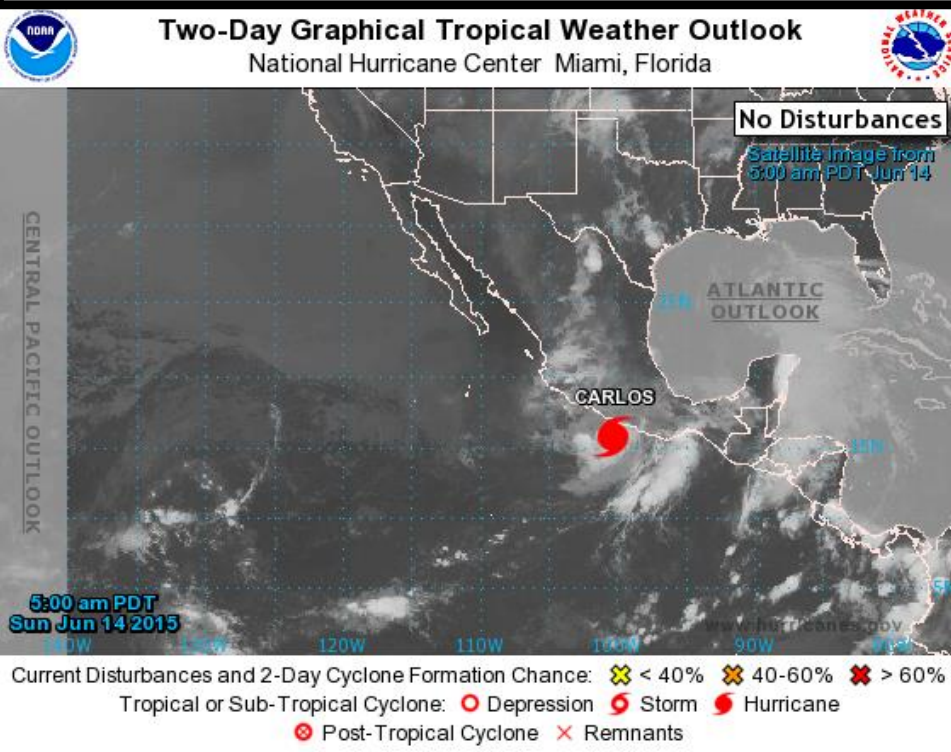


A sharp trough of low pressure across the Yucatan Peninsula is expected to move northwest into the Gulf of Mexico. Upper level winds are expected to become more favorable for some development. An Air Force Reserve Hurricane Hunter aircraft is scheduled to investigate the system this afternoon.

Formation chance through 5 days is moderate at 60 percent

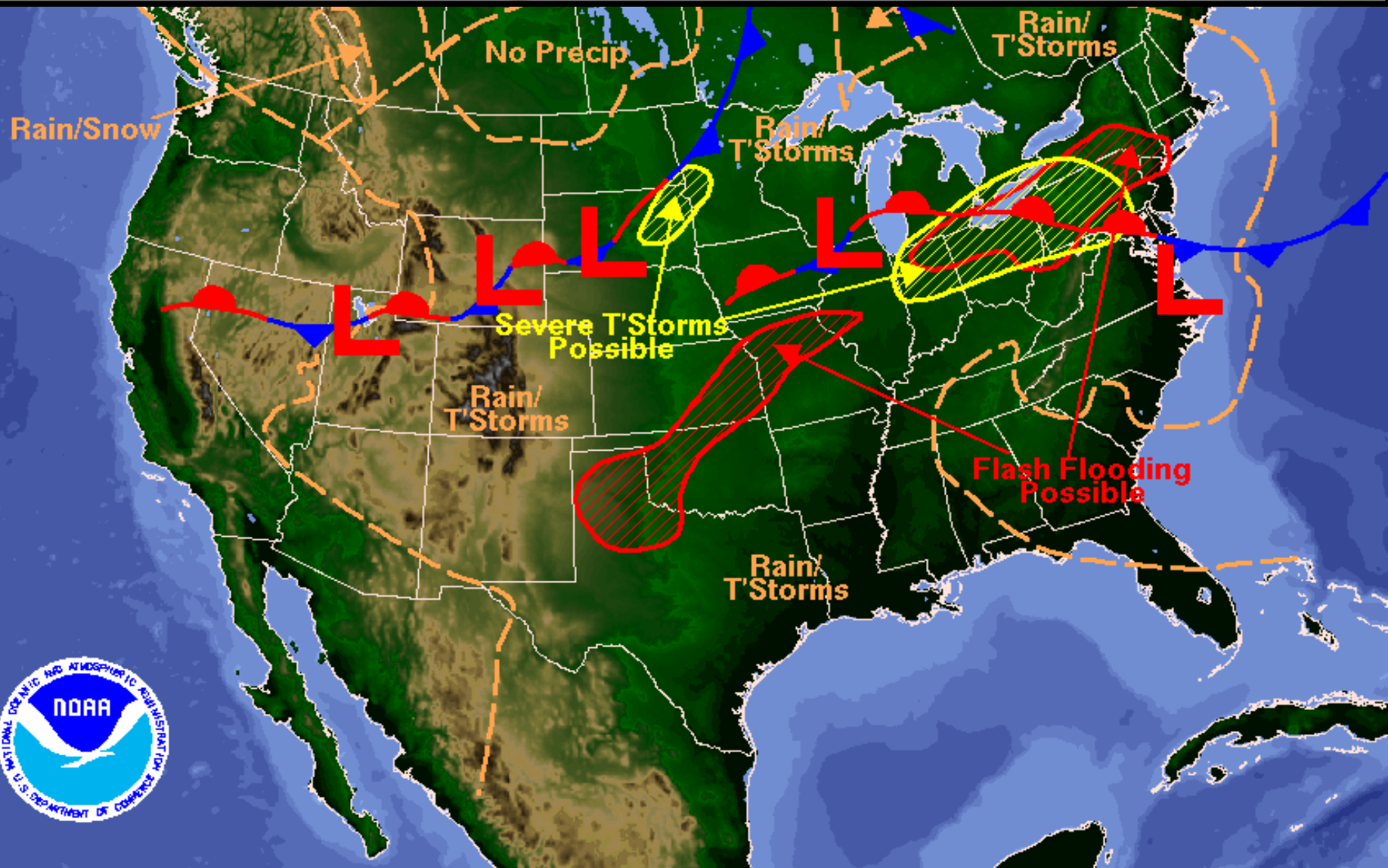


Eastern Pacific Tropical Weather Outlook



Additional tropical cyclone formation is not expected over the next 5 days

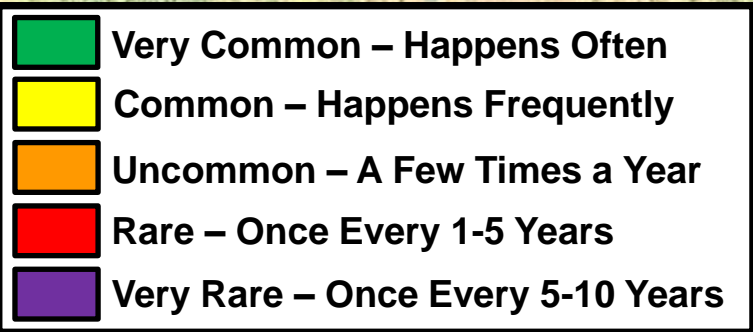
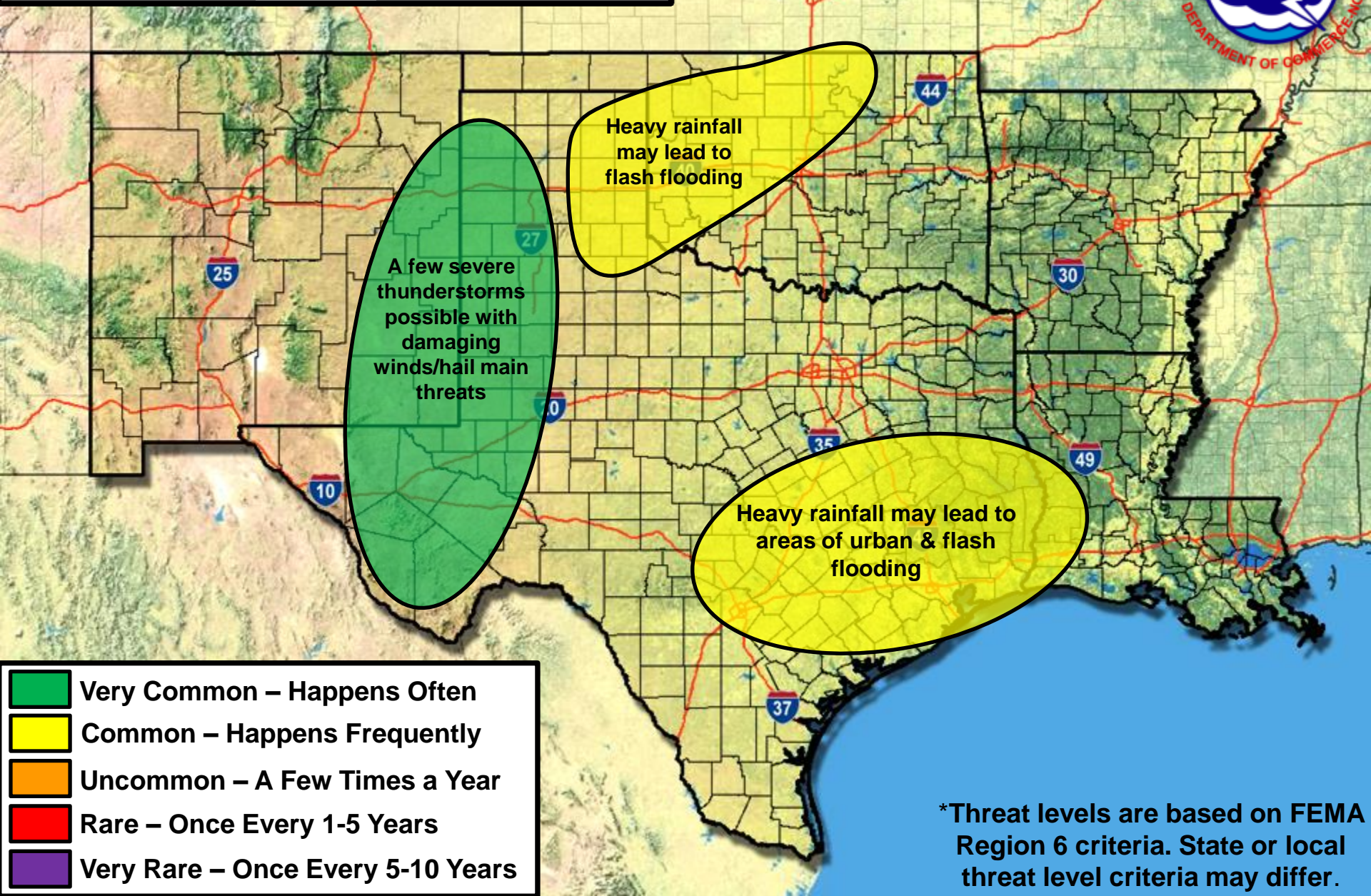
Today's Weather



Weather Forecast for Sun, Jun 14, 2015, issued 4:07 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Campbell based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

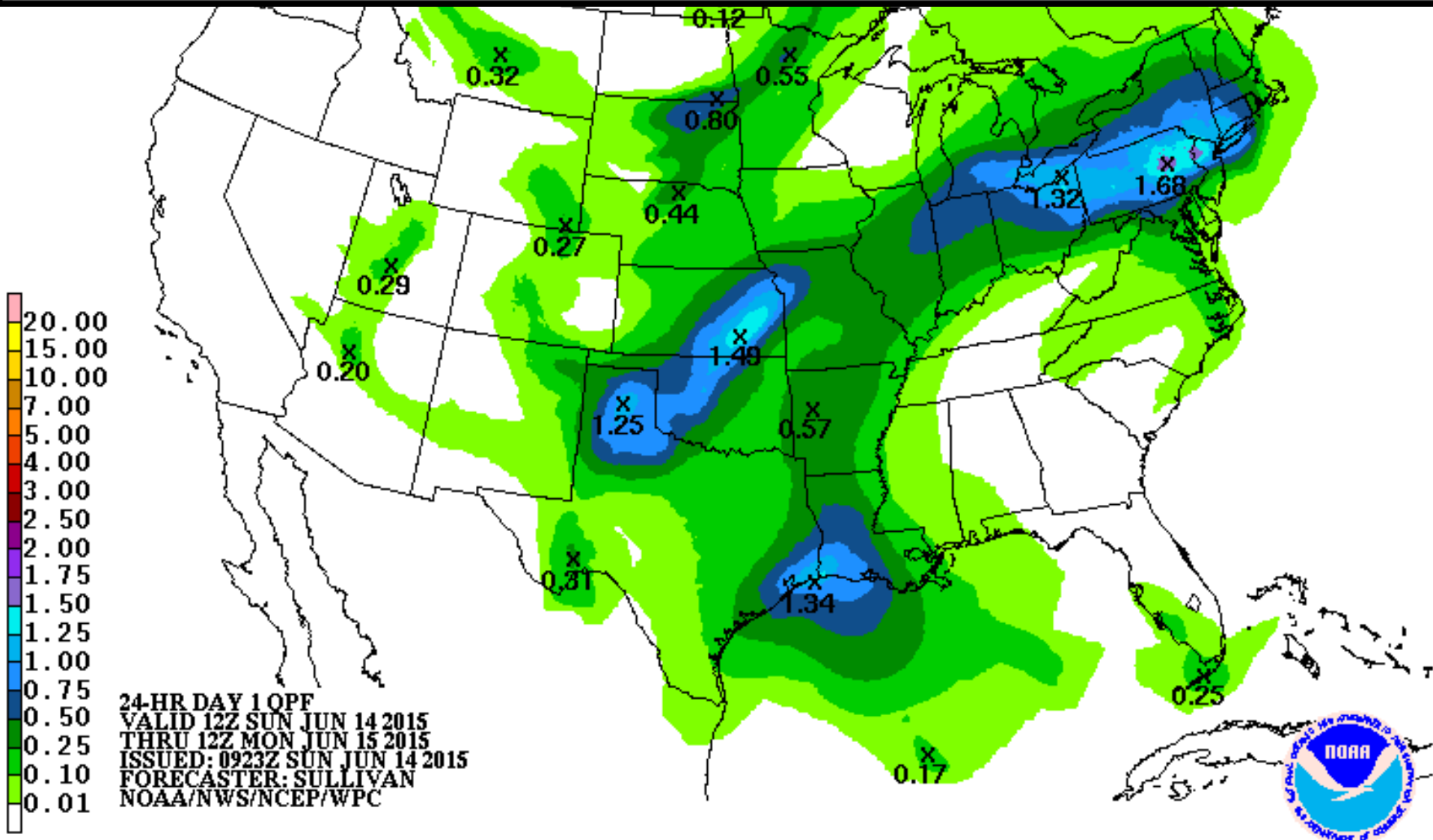
Valid: 0800 Sun - 0800 Mon



*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Today's Precipitation

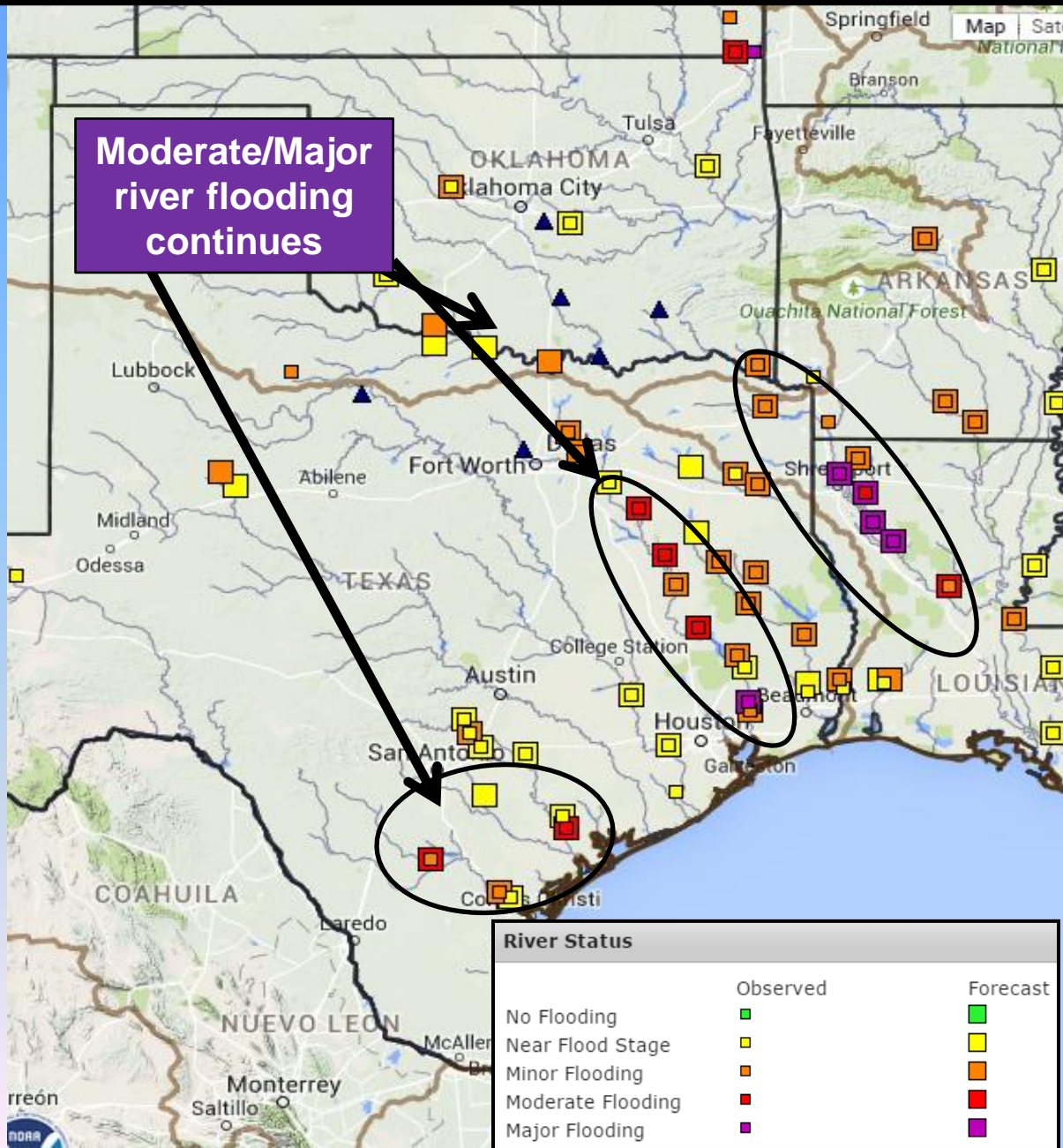
Sun AM - Mon AM



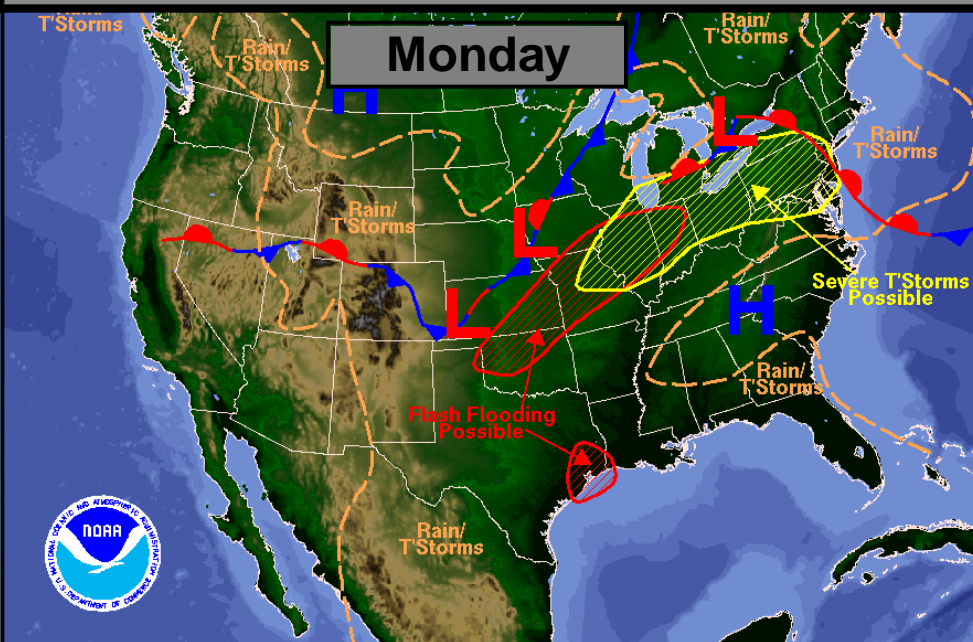
Current River Status / Near Term Forecast

Moderate/Major river flooding continues

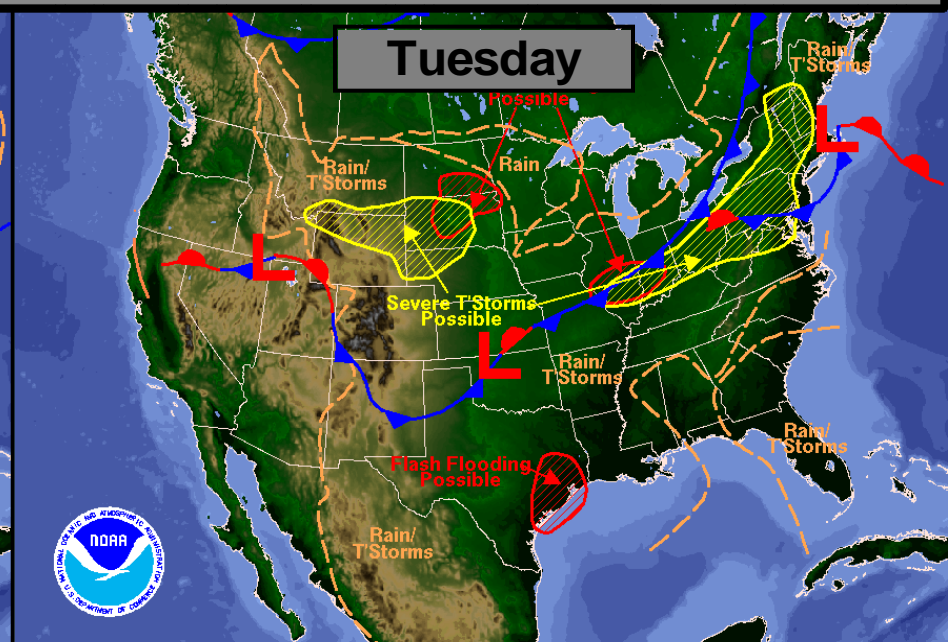
Rivers continue to slowly fall; however, heavy rainfall this week may lead to additional river flooding impacts



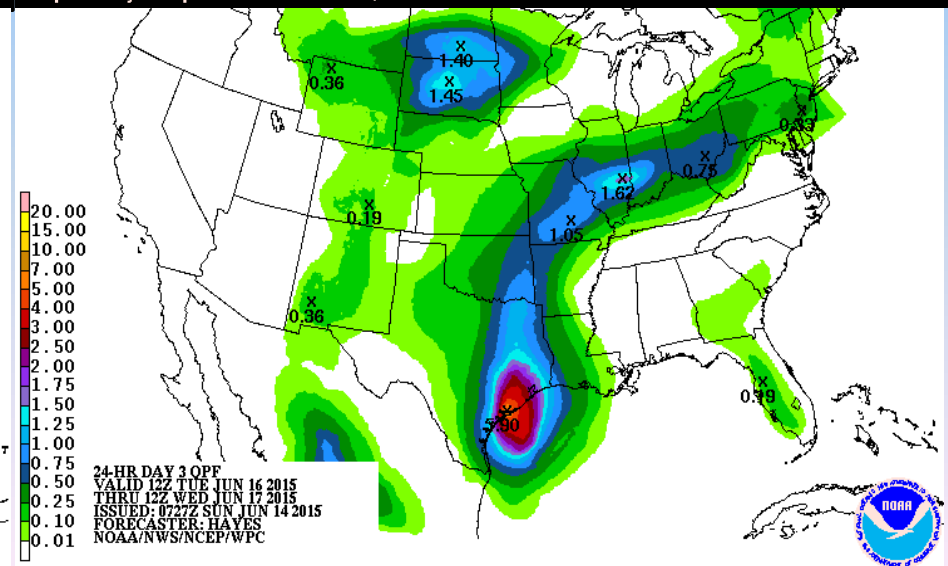
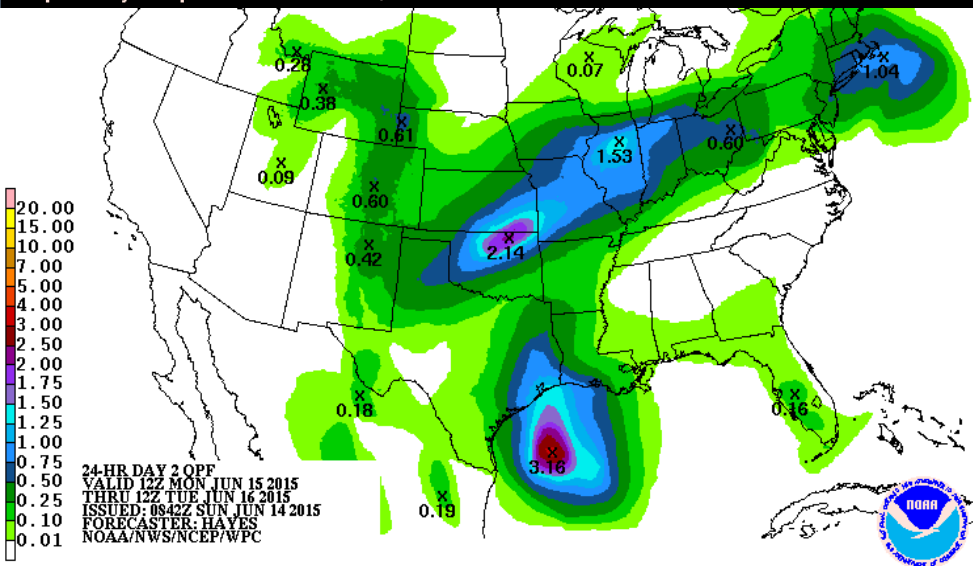
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Mon, Jun 15, 2015, issued 4:32 AM EDT Sun, Jun 14, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Campbell based on WPC, SPC and NHC forecasts



Weather Forecast for Tue, Jun 16, 2015, issued 5:00 AM EDT Sun, Jun 14, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Campbell based on WPC, SPC and NHC forecasts



Day 2-3 Weather Hazards

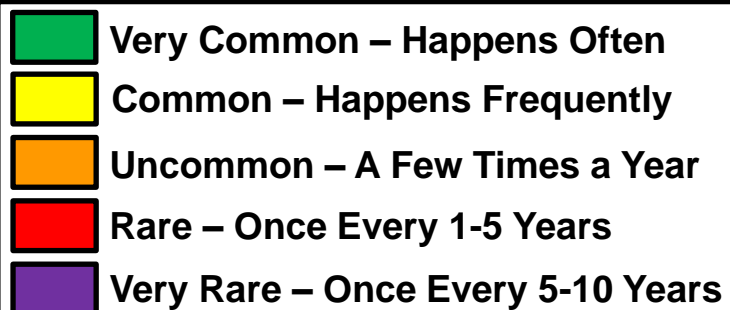
Valid: 0800 Mon - 0800 Wed



Heavy rain threat
will continue
along with
possible flash
flooding on
Monday

Flash flooding
threat develops
Tuesday

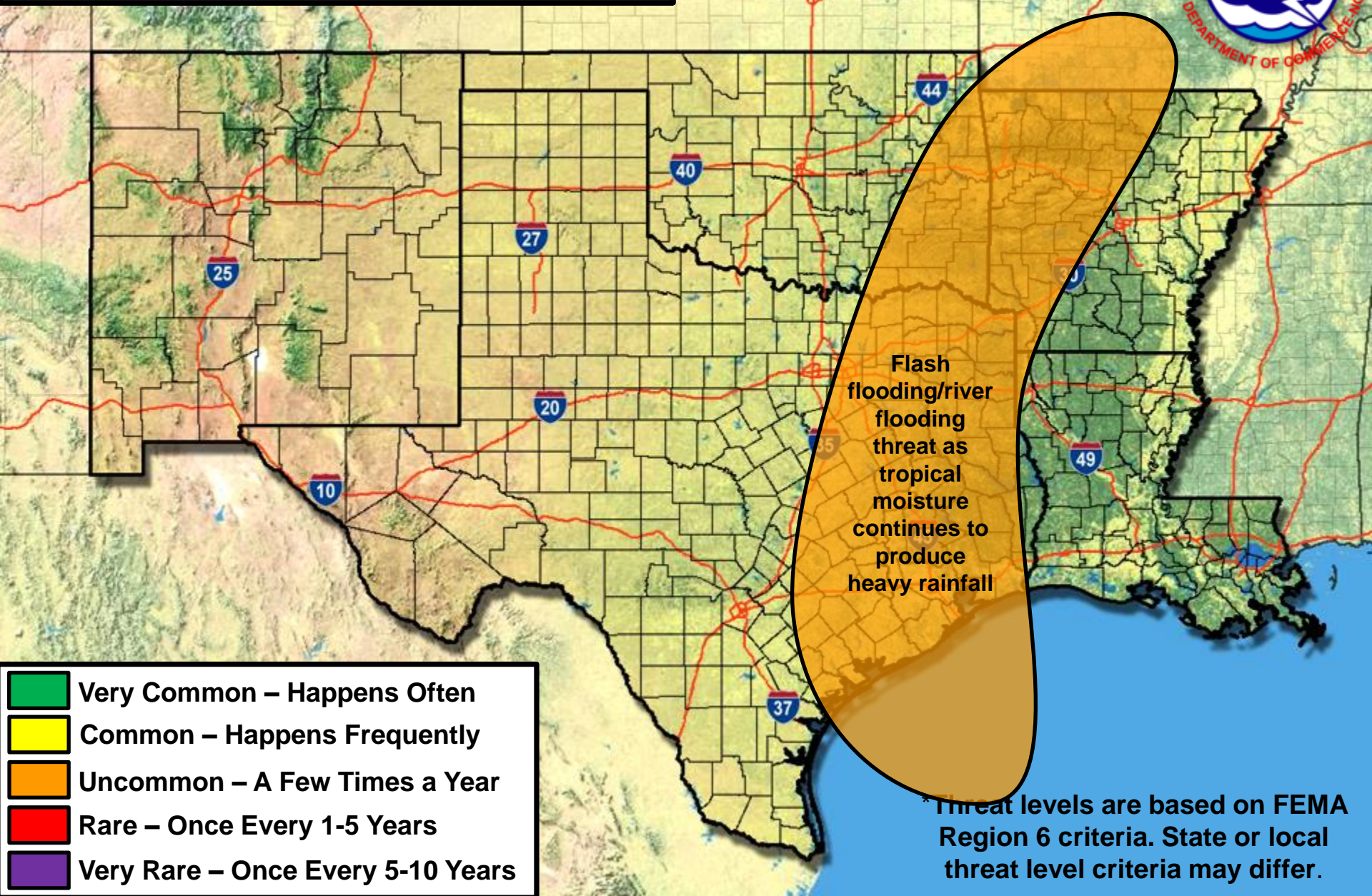
Flash flooding threat will
continue Monday and
increase Monday night into
Tuesday



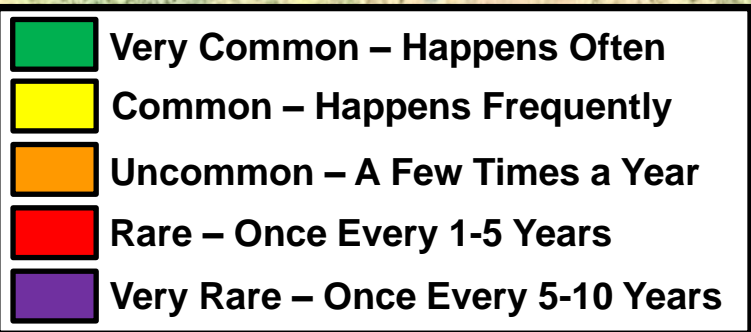
*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



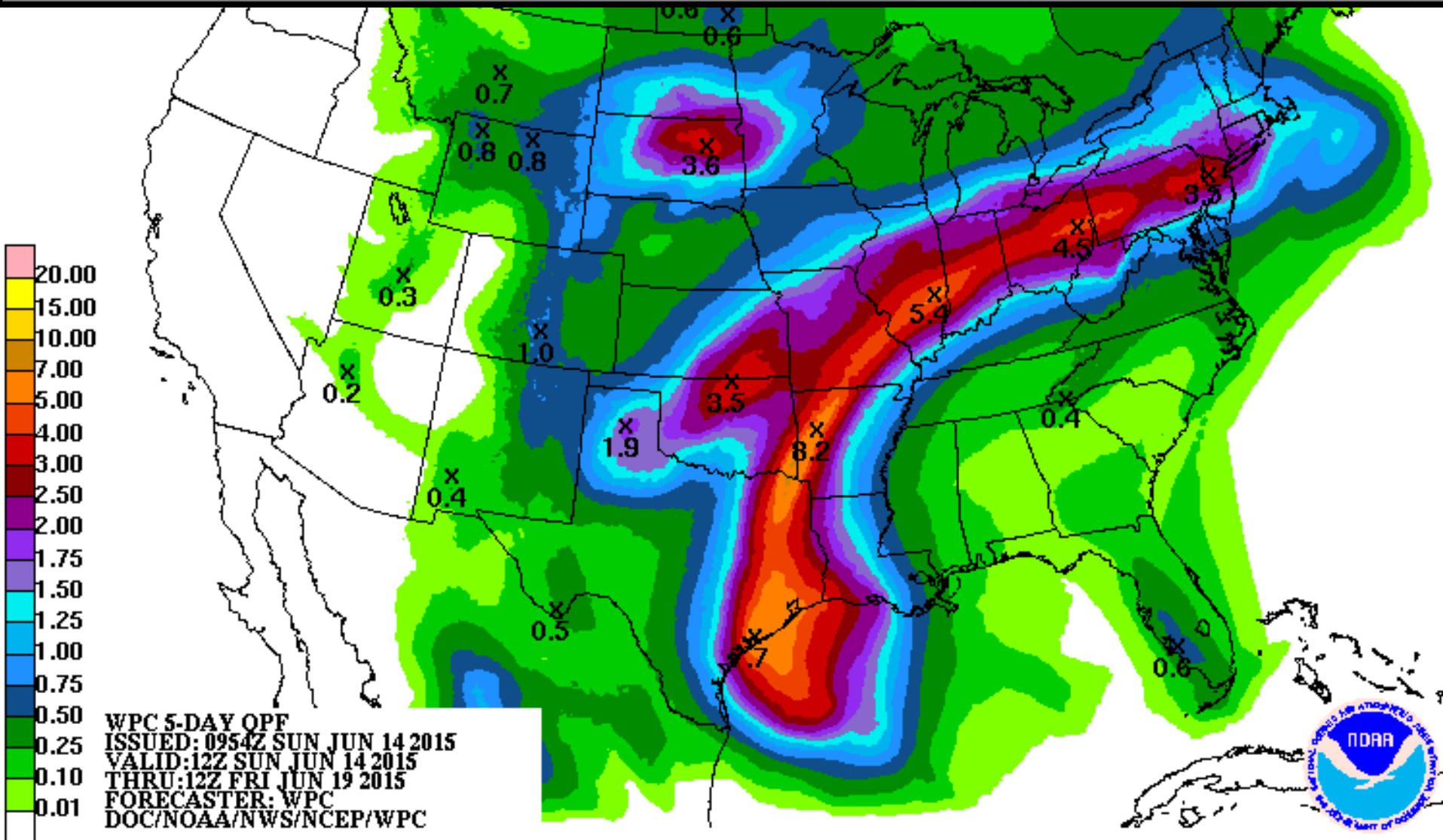
Flash
flooding/river
flooding
threat as
tropical
moisture
continues to
produce
heavy rainfall



*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

5-Day Precipitation

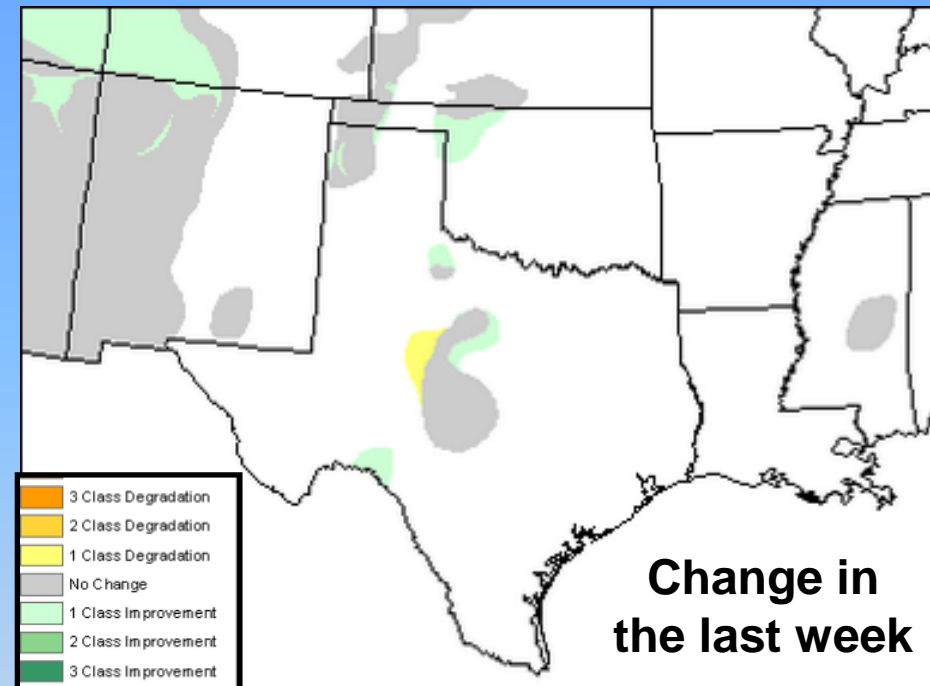
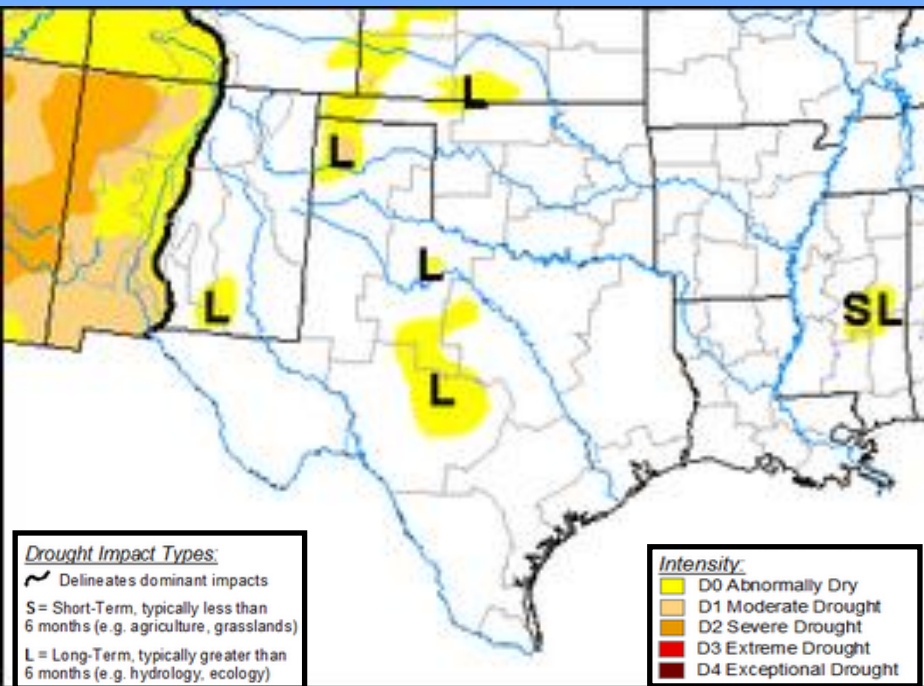
Sun AM - Fri AM





Drought Monitor Released June 11th, 2015

Data valid as of Tuesday, June 9th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	28.29%	53.24%
Texas	0.00%	0.00%	11.26%	23.23%
New Mexico	0.00%	0.00%	0.00%	29.24%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

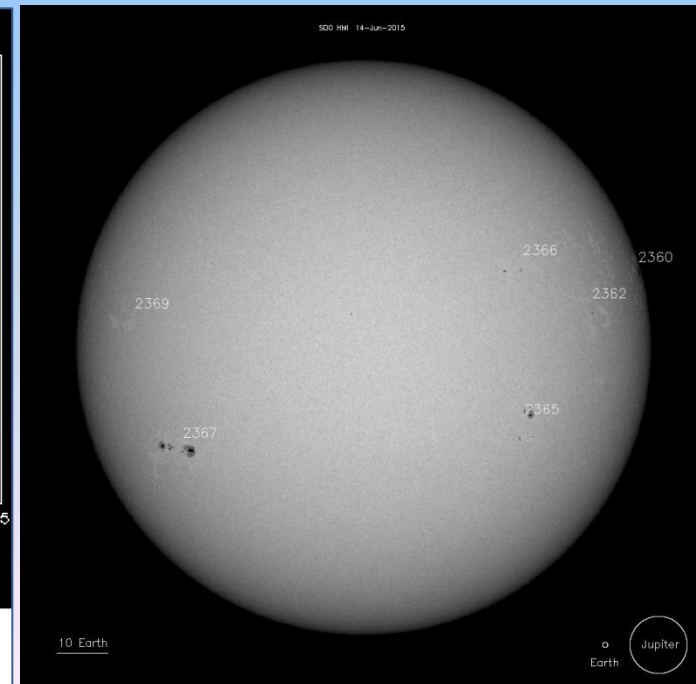
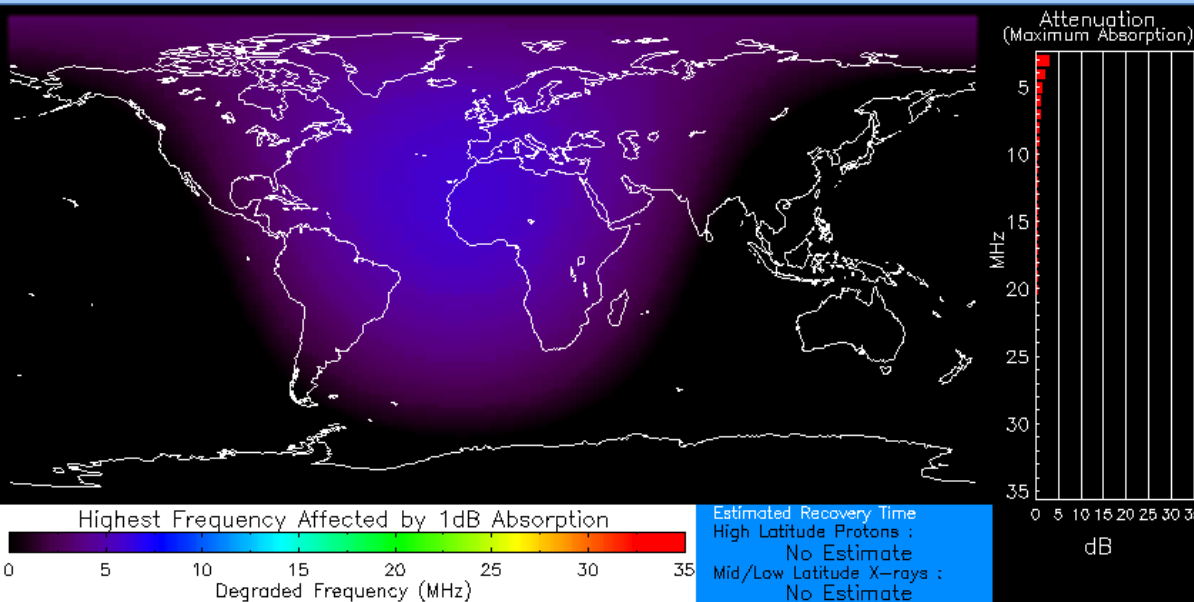
Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Minor Storm (G1) (Max Kp = 5)	Active to Unsettled (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	35%	25%	10%
Radio Blackout (R3-R5)	5%	5%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
Product Valid At : 2015-06-14 12:50 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

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Web: <http://www.srh.noaa.gov>

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